

Case 2542

TRAPEZIIDAE Miers, 1886 (Crustacea, Brachyura) and TRAPEZIIDAE Lamy, 1920 (Mollusca, Bivalvia): proposal to remove homonymy

G. J. Morgan

Western Australia Museum, Francis Street, Perth, Western Australia 6000

Abstract. The purpose of this application is to remove the homonymy between the two families TRAPEZIIDAE Miers, 1886 (Crustacea) and TRAPEZIIDAE Lamy, 1920 (Mollusca) by ruling that the stem of the molluscan generic name *Trapezium* Megerle von Mühlfeld, 1811 is TRAPEZ-.

1. In 1886 Miers (p. 163) erected the brachyuran subfamily TRAPEZIINAE within the family CANCRIDAE Dana, 1852. The type genus is *Trapezia* Latreille, 1825. Ortmann (1893, p. 481) elevated the subfamily to family rank with the name TRAPEZIIDAE.

2. In 1920 Lamy (p. 265) erected the bivalve mollusc family TRAPEZIIDAE based on the type genus *Trapezium* Megerle von Mühlfeld, 1811.

3. This case of homonymy is referred to the Commission for a ruling under Art. 55. Both family-group names are correctly derived as specified by Art. 11f & 29 of the Code. It is requested here that the brachyuran family name be conserved on the basis of its priority and its greater number of extant genera (seven as opposed to three).

4. It is suggested that the spelling of the molluscan family name be altered to avoid the homonymy. The use of TRAPEZ- as the stem of *Trapezium* will result in the molluscan family name TRAPEZIDAE.

5. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to rule that the stem of the generic name *Trapezium* Megerle von Mühlfeld, 1811 for the purposes of Art. 29 is TRAPEZ-;
- (2) to place on the Official List of Generic Names in Zoology the following names:
 - (a) *Trapezia* Latreille, 1825 (Crustacea), (gender: feminine), type species *Trapezia ferruginea* Latreille, 1825, by original designation;
 - (b) *Trapezium* Megerle von Mühlfeld, 1811 (Mollusca), (gender: neuter), type species *Trapezium perfectum* Megerle von Mühlfeld, 1811 (= *Chama oblonga* Linnaeus, 1758) by subsequent designation (Stewart, 1930);
- (3) to place on the Official List of Specific Names in Zoology the following names:
 - (a) *ferruginea* Latreille, 1825, as published in the binomen *Trapezia ferruginea* (specific name of the type species of *Trapezia* Latreille, 1825);
 - (b) *oblonga* Linnaeus, 1758, as published in the binomen *Chama oblonga* (= *Trapezium perfectum* Megerle von Mühlfeld, 1811), (specific name of the type species of *Trapezium* Megerle von Mühlfeld, 1811);

(4) to place on the Official List of Family-Group Names in Zoology the following names:

- (a) TRAPEZIIDAE Miers, 1886, type genus *Trapezia* Latreille, 1825 (Crustacea);
- (b) TRAPEZIDAE Lamy, 1920, type genus *Trapezium* Megerle von Mühlfeld, 1811 (Mollusca) as emended by (1) above.

Acknowledgement

I thank Dr G. Storr for his advice.

References

- Dana, J. D. 1852. *Crustacea. United States Exploring Expedition during the years 1838–42*, vol. 13 (1). viii + 685 pp.
- Lamy, E. 1920. Révision des Cypricardiacea et des Isocardiacea vivants du Muséum d'Histoire naturelle de Paris. *Journal de Conchyliologie*, **64** (4): 259–307.
- Latreille, P. A. 1825. *Familles naturelles du règne animal, exposées succinctement et dans un ordre analytique, avec l'indication de leurs genres*, ed. 2. 570 pp. Baillière, Paris.
- Linnaeus, C. 1758. *Systema Naturae*, ed. 10. vol. 1. iv + 824 pp. Laurentii Salvii, Holmiae.
- Mühlfeld, J. K. Megerle von. 1811. Entwurf eines Neuen Systems der Schalthiergehäuse. *Magazin für die neusten Entdeckungen in der gesammten Naturkunde von Der Gesellschaft Naturforschacht Freunde zu Berlin*, **5**: 38–72.
- Miers, E. J. 1886. Report on the Brachyura collected by HMS Challenger during the years 1873–76. *Report of the Scientific Results of the Voyage of HMS Challenger*, (Zoology, Part 49), vol. 17, 362 pp., London, Edinburgh and Dublin.
- Ortmann, A. 1893. Die Decapoden-Krebse des Strassburger Museums. VII Theil. Abtheilung: Brachyura (Brachyura genuina Boas) II. *Zoologische Jahrbücher. Abteilung für Systematik*, **7**: 411–495.
- Stewart, R. B. 1930. Gabb's California Cretaceous and Tertiary Type Lamellibranchs. *Academy of Natural Sciences, Philadelphia*, Spec. pub. no. 3.